

Table 4.12-1. Zortman Mine Reclamation Cost by Alternative

Mine Feature	Alternative Z1	Alternative Z2	Alternative Z3	Alternative Z4	Alternative Z5	(Preferred) Alternative Z6
<i>Mine Pits:</i>						
O.K./Ruby Pit	\$1,793,000	\$1,793,000	\$1,793,000	\$1,793,000	\$2,380,000	\$1,793,000
Mint Pit	\$315,300	\$315,300	\$315,300	\$315,300	\$620,100	\$315,300
Ross Pit	\$370,200	\$203,900	\$203,900	\$1,406,800	\$3,430,200	\$370,200
North Alabama Pit	\$222,000	\$55,000	\$40,000	\$448,000	\$550,000	\$84,000
South Alabama Pit	\$562,000	\$222,000	\$214,000	\$776,000	\$858,000	\$667,000
Extensive Regrade for Barrier Covers	\$0	\$0	\$0	\$3,000,000	\$0	\$0
<i>Leach Pads:</i>						
Z79-Z81 Pad (Reclaimed in 1991)	\$460,100	\$7,600	\$7,600	\$460,100	\$7,600	\$7,600
Z82 Pad (Reclaimed in 2000-2001) & Z82 Pad North Slope	\$1,456,400	\$1,456,400	\$1,456,400	\$1,456,400	\$1,456,400	\$1,456,400
Z83, Z84, Z89 Pads (Reclaimed in 2000-2001)	\$1,338,500	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000
Z85/86 Pad	\$1,446,300	\$830,200	\$965,200	\$1,446,300	\$12,381,500	\$965,200
<i>Leach Pad Dikes:</i>						
Z83 Pad Dike (Reclaimed in 1992)	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Z84 Pad Dike (Reclaimed in 1992)	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800	\$1,800
Z85/86 Pad Dike	\$340,000	\$217,000	\$217,000	\$366,000	Part of Z85/86 Pad Removal	\$217,000
Z89 Pad Dike (Reclaimed in 1989)	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
<i>Rock Dumps & Stockpiles:</i>						
Alder Gulch Waste Rock Dump	\$5,920,000	\$0	\$0	\$8,264,000	\$8,205,000	\$1,873,000
O.K. Waste Rock Dump	\$369,800	\$0	\$0	\$369,800	\$369,800	\$369,800
Z82 Sulfide Stockpile, South Ruby Dump	\$601,000	\$571,000	\$571,000	\$670,500	\$571,000	\$571,000

Mine Feature	Alternative Z1	Alternative Z2	Alternative Z3	Alternative Z4	Alternative Z5	(Preferred) Alternative Z6
North Ruby Soil Stockpile	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000
Ruby Gulch Tailings Removal	\$522,000	\$0	\$51,000	\$522,000	\$537,000	\$522,000
<i>New Disturbance:</i>						
Proposed Limestone Quarry (LS-2)	\$1,510,000	\$0	\$0	\$2,587,000	\$0	\$0
Ruby Gulch Drain Notch (By Z85/86 Pad)	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000
<i>Haul Roads, Support Facilities & Other:</i>						
Surface Water Controls	\$510,000	\$110,900	\$110,900	\$510,000	\$510,000	\$110,900
Mine Facilities	\$512,000	\$29,000	\$29,000	\$495,000	\$477,000	\$29,000
Relocate Water Treatment Plant	\$0	\$1,888,000	\$0	\$1,888,000	\$1,888,000	\$0
Reclaim Water Treatment Plant Ponds	\$133,000	\$259,700	\$133,000	\$259,700	\$259,700	\$133,000
Process Water Management	\$2,745,000	\$753,000	\$2,355,000	\$2,926,000	\$2,739,000	\$2,626,000
Reclamation Maintenance	\$515,000	\$232,000	\$232,000	\$773,000	\$773,000	\$773,000
Reclamation Overhead	\$3,824,000	\$350,000	\$600,000	\$7,553,000	\$8,421,000	\$1,400,000
<i>Totals:</i>						
Total Reclamation Costs	\$25,620,000	\$10,024,000	\$10,024,000	\$39,016,000	\$47,164,000	\$15,013,000
Excess Cost Over Bond Amount	\$15,596,000	\$0	\$0	\$28,992,000	\$37,140,000	\$4,989,000